

MANUAL VALVE SCHEDULE (ALL SIZES)

P&ID Number	Tag Number	Valve Type	Valve Type Number	Commodity	Size (mm)	Valve Location	Maximum Working Pressure (kPa)	Comments/ Control Features
Bulk Chemical Building								
WS - P0001	HV - S200A	Ball	V300	AIR	25	Exposed	560	
WS - P0001	PCV - S200A	Pressure Control	-	AIR	25	Exposed	560	
WS - P0001	PRV - S200A	Pressure Relief	V720	AIR	25	Exposed	560	
WS - P0001	CV - S200A	Check	V602	AIR	25	Exposed	560	
WS - P0001	CV - S200B	Check	V602	AIR	20	Exposed	560	
WS - P0001	HV - S200B	Ball	V312	AIR	20	Exposed	560	
WS - P0001	HV - S200C	Ball	V300	AIR	25	Exposed	560	
WS - P0001	HV - S200D	Ball	V300	AIR	25	Exposed	560	
WS - P0001	HV - S200E	Ball	V300	AIR	15	Exposed	560	
WS - P0001	HV - S200F	Ball	V300	AIR	15	Exposed	560	
WS - P0001	HV - S202A	Ball	V308	SCA	75	Exposed	560	
WS - P0001	HV - S202B	Ball	V307	SCA	15	Exposed	560	
WS - P0001	HV - S204A	Ball	V300	AIR	25	Exposed	560	
WS - P0001	PCV - S204A	Pressure Control	-	AIR	25	Exposed	560	
WS - P0001	PRV - S204A	Pressure Relief	V720	AIR	25	Exposed	560	
WS - P0001	CV - S204A	Check	V602	AIR	25	Exposed	560	
WS - P0001	CV - S204B	Check	V602	AIR	20	Exposed	560	
WS - P0001	HV - S204B	Ball	V312	AIR	20	Exposed	560	
WS - P0001	HV - S204C	Ball	V300	AIR	25	Exposed	560	
WS - P0001	HV - S204D	Ball	V300	AIR	25	Exposed	560	
WS - P0001	HV - S204E	Ball	V300	AIR	15	Exposed	560	
WS - P0001	HV - S204F	Ball	V300	AIR	15	Exposed	560	
WS - P0001	HV - S204G	Ball	V312	AIR	20	Exposed	560	
WS - P0001	HV - S205A	Ball	V308	SCA	50	Exposed	560	
WS - P0001	HV - S205B	Ball	V307	SCA	15	Exposed	560	
WS - P0001	HV - S205C	Ball	V308	SCA	50	Exposed	560	
WS - P0001	HV - S205D	Ball	V308	SCA	50	Exposed	560	
WS - P0001	HV - S210A	Ball	V308	SCA	75	Exposed	560	
WS - P0001	HV - S210B	Ball	V308	SCA	50	Exposed	560	
WS - P0001	HV - S220A	Ball	V308	SCA	75	Exposed	560	
WS - P0001	HV - S220B	Ball	V308	SCA	50	Exposed	560	
WS - P0002	SV - S210A	Blind Spectacle	-	SCA	50	Exposed	560	
WS - P0002	SV - S210B	Blind Spectacle	-	SCA	75	Exposed	560	
WS - P0002	CV - S210B	Check	V694	SCA	100	Exposed	560	Duck Bill Check Valve
WS - P0002	HV - S210C	Ball	V308	SCA	50	Exposed	560	
WS - P0002	HV - S210D	Ball	V308	SCA	50	Exposed	560	
WS - P0002	HV - S210E	Ball	V308	SCA	50	Exposed	560	
WS - P0002	HV - S210F	Ball	V307	SCA	15	Exposed	560	
WS - P0002	HV - S210G	Ball	V308	SCA	50	Exposed	560	
WS - P0002	HV - S210H	Ball	V307	SCA	20	Exposed	560	
WS - P0002	HV - S210I	Ball	V307	SCA	20	Exposed	560	
WS - P0002	HV - S210J	Ball	V307	SCA	20	Exposed	560	
WS - P0002	SV - S220A	Blind Spectacle	-	SCA	50	Exposed	560	
WS - P0002	CV - S220A	Check	V619	SCA	50	Exposed	560	
WS - P0002	CV - S220B	Check	V694	SCA	100	Exposed	560	Duck Bill Check Valve
WS - P0002	SV - S220B	Blind Spectacle	-	SCA	75	Exposed	560	
WS - P0002	HV - S220C	Ball	V308	SCA	50	Exposed	560	
WS - P0002	HV - S220D	Ball	V308	SCA	50	Exposed	560	
WS - P0002	HV - S220E	Ball	V308	SCA	50	Exposed	560	
WS - P0002	HV - S220F	Ball	V307	SCA	15	Exposed	560	
WS - P0002	HV - S220G	Ball	V308	SCA	50	Exposed	560	

MANUAL VALVE SCHEDULE (ALL SIZES)

P&ID Number	Tag Number	Valve Type	Valve Type Number	Commodity	Size (mm)	Valve Location	Maximum Working Pressure (kPa)	Comments/ Control Features
WS - P0002	HV - S220H	Ball	V307	SCA	20	Exposed	560	
WS - P0002	HV - S220I	Ball	V307	SCA	20	Exposed	560	
WS - P0002	HV - S220J	Ball	V307	SCA	20	Exposed	560	
						Exposed	560	
WS - P0003	HV - S210K	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S210L	Ball	V307	SCA	20	Exposed	560	Skid Mounted
WS - P0003	HV - S220L	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S220M	Ball	V307	SCA	20	Exposed	560	Skid Mounted
WS - P0003	HV - S230A	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	CV - S230A	Check	V619	SCA	25	Exposed	560	Skid Mounted
WS - P0003	PCV - S230A	Back Pressure	V717	SCA	25	Exposed	560	Skid Mounted
WS - P0003	PRV - S230A	Pressure Relief	-	SCA	-	Exposed	560	Skid Mounted
WS - P0003	HV - S230B	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S230C	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S230D	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S230E	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S230F	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S230G	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S230H	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S240A	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	CV - S240A	Check	V619	SCA	25	Exposed	560	Skid Mounted
WS - P0003	PRV - S240A	Pressure Relief	-	SCA	-	Exposed	560	Skid Mounted
WS - P0003	PCV - S240A	Back Pressure	V717	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S240B	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S240C	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S240D	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S240E	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S240F	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S240G	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S240H	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S240I	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S240J	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S250A	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	CV - S250A	Check	V619	SCA	25	Exposed	560	Skid Mounted
WS - P0003	PRV - S250A	Pressure Relief	-	SCA	-	Exposed	560	Skid Mounted
WS - P0003	PCV - S250A	Back Pressure	V717	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S250B	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S250C	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S250D	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S250E	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S250F	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S250G	Ball	V307	SCA	25	Exposed	560	Skid Mounted
WS - P0003	HV - S250H	Ball	V307	SCA	25	Exposed	560	Skid Mounted
						Exposed	560	
WS - P0004	HV - S100A	Ball	V300	AIR	25	Exposed	560	
WS - P0004	PCV - S100A	Pressure Control	-	AIR	25	Exposed	560	
WS - P0004	PRV - S100A	Pressure Relief	V720	AIR	25	Exposed	560	
WS - P0004	CV - S100A	Check	V602	AIR	25	Exposed	560	
WS - P0004	CV - S100B	Check	V602	AIR	20	Exposed	560	
WS - P0004	HV - S100B	Ball	V312	AIR	20	Exposed	560	
WS - P0004	HV - S100C	Ball	V330	FC	75	Exposed	560	
WS - P0004	HV - S100D	Ball	V330	FC	15	Exposed	560	
WS - P0004	HV - S100E	Ball	V300	AIR	25	Exposed	560	
WS - P0004	HV - S100F	Ball	V300	AIR	15	Exposed	560	

MANUAL VALVE SCHEDULE (ALL SIZES)

P&ID Number	Tag Number	Valve Type	Valve Type Number	Commodity	Size (mm)	Valve Location	Maximum Working Pressure (kPa)	Comments/ Control Features
WS - P0004	HV - S100G	Ball	V300	AIR	25	Exposed	560	
WS - P0004	HV - S100H	Ball	V300	AIR	15	Exposed	560	
WS - P0004	HV - S105A	Ball	V300	AIR	25	Exposed	560	
WS - P0004	PCV - S105A	Pressure Control	-	AIR	25	Exposed	560	
WS - P0004	PRV - S105A	Pressure Relief	V720	AIR	25	Exposed	560	
WS - P0004	CV - S105A	Check	V602	AIR	25	Exposed	560	
WS - P0004	CV - S105B	Check	V602	AIR	20	Exposed	560	
WS - P0004	HV - S105B	Ball	V312	AIR	20	Exposed	560	
WS - P0004	CV - S105C	Check	V602	AIR	20	Exposed	560	
WS - P0004	HV - S105C	Ball	V330	FC	50	Exposed	560	
WS - P0004	HV - S105D	Ball	V330	FC	15	Exposed	560	
WS - P0004	HV - S105E	Ball	V300	AIR	25	Exposed	560	
WS - P0004	HV - S105F	Ball	V300	AIR	15	Exposed	560	
WS - P0004	HV - S105G	Ball	V300	AIR	25	Exposed	560	
WS - P0004	HV - S105H	Ball	V300	AIR	15	Exposed	560	
WS - P0004	HV - S105I	Ball	V312	AIR	20	Exposed	560	
WS - P0004	HV - S105J	Ball	V330	FC	50	Exposed	560	
WS - P0004	HV - S105K	Ball	V330	FC	15	Exposed	560	
WS - P0004	HV - S110A	Ball	V330	FC	75	Exposed	560	
WS - P0004	HV - S110B	Ball	V330	FC	50	Exposed	560	
WS - P0004	HV - S120A	Ball	V330	FC	75	Exposed	560	
WS - P0004	HV - S120B	Ball	V330	FC	50	Exposed	560	
WS - P0004	HV - S130A	Ball	V330	FC	75	Exposed	560	
WS - P0004	HV - S130B	Ball	V330	FC	50	Exposed	560	
WS - P0004	HV - S140A	Ball	V330	FC	75	Exposed	560	
WS - P0004	HV - S140B	Ball	V330	FC	50	Exposed	560	
						Exposed	560	
WS - P0005	SV - S110A	Blind Spectacle	-	FC	50	Exposed	560	
WS - P0005	CV - S110A	Check	V630	FC	50	Exposed	560	
WS - P0005	SV - S110B	Blind Spectacle	-	FC	75	Exposed	560	
WS - P0005	CV - S110B	Check	V694	FC	100	Exposed	560	Duckbill Check Valve
WS - P0005	HV - S110C	Ball	V330	FC	50	Exposed	560	
WS - P0005	HV - S110D	Ball	V330	FC	50	Exposed	560	
WS - P0005	HV - S110E	Ball	V330	FC	50	Exposed	560	
WS - P0005	HV - S110F	Ball	V330	FC	15	Exposed	560	
WS - P0005	HV - S110G	Ball	V330	FC	50	Exposed	560	
WS - P0005	HV - S110H	Ball	V330	FC	20	Exposed	560	
WS - P0005	HV - S110I	Ball	V330	FC	20	Exposed	560	
WS - P0005	HV - S110J	Ball	V330	FC	20	Exposed	560	
WS - P0005	SV - S120A	Blind Spectacle	-	FC	50	Exposed	560	
WS - P0005	CV - S120A	Check	V630	FC	50	Exposed	560	
WS - P0005	SV - S120B	Blind Spectacle	-	FC	75	Exposed	560	
WS - P0005	CV - S120B	Check	V694	FC	100	Exposed	560	Duckbill Check Valve
WS - P0005	HV - S120C	Ball	V330	FC	50	Exposed	560	
WS - P0005	HV - S120D	Ball	V330	FC	50	Exposed	560	
WS - P0005	HV - S120E	Ball	V330	FC	50	Exposed	560	
WS - P0005	HV - S120F	Ball	V330	FC	15	Exposed	560	
WS - P0005	HV - S120G	Ball	V330	FC	50	Exposed	560	
WS - P0005	HV - S120H	Ball	V330	FC	20	Exposed	560	
WS - P0005	HV - S120I	Ball	V330	FC	20	Exposed	560	
WS - P0005	HV - S120J	Ball	V330	FC	20	Exposed	560	
						Exposed	560	
						Exposed	560	
WS - P0006	SV - S130A	Blind Spectacle	-	FC	50	Exposed	560	
WS - P0006	CV - S130A	Check	V630	FC	50	Exposed	560	

MANUAL VALVE SCHEDULE (ALL SIZES)

P&ID Number	Tag Number	Valve Type	Valve Type Number	Commodity	Size (mm)	Valve Location	Maximum Working Pressure (kPa)	Comments/ Control Features
WS - P0006	SV - S130B	Blind Spectacle	-	FC	75	Exposed	560	
WS - P0006	CV - S130B	Check	V694	FC	100	Exposed	560	Duckbill Check Valve
WS - P0006	HV - S130C	Ball	V330	FC	50	Exposed	560	
WS - P0006	HV - S130D	Ball	V330	FC	50	Exposed	560	
WS - P0006	HV - S130E	Ball	V330	FC	50	Exposed	560	
WS - P0006	HV - S130F	Ball	V330	FC	15	Exposed	560	
WS - P0006	HV - S130G	Ball	V330	FC	50	Exposed	560	
WS - P0006	HV - S130H	Ball	V330	FC	20	Exposed	560	
WS - P0006	HV - S130I	Ball	V330	FC	20	Exposed	560	
WS - P0006	HV - S130J	Ball	V330	FC	20	Exposed	560	
WS - P0006	SV - S140A	Blind Spectacle	-	FC	50	Exposed	560	
WS - P0006	CV - S140A	Check	V630	FC	50	Exposed	560	
WS - P0006	SV - S140B	Blind Spectacle	-	FC	75	Exposed	560	
WS - P0006	CV - S140B	Check	V694	FC	100	Exposed	560	Duckbill Check Valve
WS - P0006	HV - S140C	Ball	V330	FC	50	Exposed	560	
WS - P0006	HV - S140D	Ball	V330	FC	50	Exposed	560	
WS - P0006	HV - S140E	Ball	V330	FC	50	Exposed	560	
WS - P0006	HV - S140F	Ball	V330	FC	15	Exposed	560	
WS - P0006	HV - S140G	Ball	V330	FC	50	Exposed	560	
WS - P0006	HV - S140H	Ball	V330	FC	20	Exposed	560	
WS - P0006	HV - S140I	Ball	V330	FC	20	Exposed	560	
WS - P0006	HV - S140J	Ball	V330	FC	20	Exposed	560	
						Exposed	560	
WS - P0007	HV - S110K	Ball	V330	FC	20	Exposed	560	
WS - P0007	HV - S110L	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S130K	Ball	V330	FC	20	Exposed	560	
WS - P0007	HV - S130L	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S160A	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	CV - S160A	Check	V630	FC	25	Exposed	560	Skid Mounted
WS - P0007	PRV - S160A	Pressure Relief	-	FC	-	Exposed	560	Skid Mounted
WS - P0007	PCV - S160A	Back Pressure	V719	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S160B	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S160C	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S160D	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S160E	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S160F	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S160G	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S160H	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S170A	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	CV - S170A	Check	V630	FC	25	Exposed	560	Skid Mounted
WS - P0007	PRV - S170A	Pressure Relief	-	FC	-	Exposed	560	Skid Mounted
WS - P0007	PCV - S170A	Back Pressure	V719	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S170B	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S170C	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S170D	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S170E	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S170F	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S170G	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S170H	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S170I	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S170J	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S180A	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	CV - S180A	Check	V630	FC	25	Exposed	560	Skid Mounted
WS - P0007	PRV - S180A	Pressure Relief	-	FC	-	Exposed	560	Skid Mounted

MANUAL VALVE SCHEDULE (ALL SIZES)

P&ID Number	Tag Number	Valve Type	Valve Type Number	Commodity	Size (mm)	Valve Location	Maximum Working Pressure (kPa)	Comments/ Control Features
WS - P0007	PCV - S180A	Back Pressure	V719	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S180B	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S180C	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S180D	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S180E	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S180F	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S180G	Ball	V330	FC	25	Exposed	560	Skid Mounted
WS - P0007	HV - S180H	Ball	V330	FC	25	Exposed	560	Skid Mounted
						Exposed	560	
WS - P0008	HV - S300A	Ball	V300	AIR	25	Exposed	560	
WS - P0008	PCV - S300A	Pressure Control	-	AIR	25	Exposed	560	
WS - P0008	PRV - S300A	Pressure Relief	V720	AIR	25	Exposed	560	
WS - P0008	CV - S300A	Check	V602	AIR	25	Exposed	560	
WS - P0008	CV - S300B	Check	V602	AIR	20	Exposed	560	
WS - P0008	HV - S300B	Ball	V312	AIR	20	Exposed	560	
WS - P0008	HV - S300C	Ball	V300	AIR	25	Exposed	560	
WS - P0008	HV - S300D	Ball	V300	AIR	25	Exposed	560	
WS - P0008	HV - S300E	Ball	V300	AIR	15	Exposed	560	
WS - P0008	HV - S300F	Ball	V300	AIR	15	Exposed	560	
WS - P0008	HV - S302A	Ball	V330	CS	75	Exposed	560	
WS - P0008	HV - S302B	Ball	V330	CS	15	Exposed	560	
WS - P0008	HV - S307A	Ball	V300	AIR	25	Exposed	560	
WS - P0008	PCV - S307A	Pressure Control	-	AIR	25	Exposed	560	
WS - P0008	PRV - S307A	Pressure Relief	V720	AIR	25	Exposed	560	
WS - P0008	CV - S307A	Check	V602	AIR	25	Exposed	560	
WS - P0008	CV - S307B	Check	V602	AIR	20	Exposed	560	
WS - P0008	HV - S307B	Ball	V312	AIR	20	Exposed	560	
WS - P0008	HV - S307C	Ball	V300	AIR	25	Exposed	560	
WS - P0008	CV - S307C	Check	V602	AIR	20	Exposed	560	
WS - P0008	HV - S307D	Ball	V300	AIR	25	Exposed	560	
WS - P0008	HV - S307E	Ball	V300	AIR	15	Exposed	560	
WS - P0008	HV - S307F	Ball	V300	AIR	15	Exposed	560	
WS - P0008	HV - S307G	Ball	V312	AIR	20	Exposed	560	
WS - P0008	HV - S308A	Ball	V330	CS	50	Exposed	560	
WS - P0008	HV - S308B	Ball	V330	CS	15	Exposed	560	
WS - P0008	HV - S310A	Ball	V330	CS	75	Exposed	560	
WS - P0008	HV - S310B	Ball	V330	CS	50	Exposed	560	
WS - P0008	CV - S311A	Check	V694	CS	100	Exposed	560	Duckbill Check Valve
WS - P0008	HV - S320A	Ball	V330	CS	75	Exposed	560	
WS - P0008	HV - S320B	Ball	V330	CS	50	Exposed	560	
WS - P0008	HV - S330A	Ball	V330	CS	75	Exposed	560	
WS - P0008	HV - S330B	Ball	V330	CS	50	Exposed	560	
WS - P0008	HV - S340A	Ball	V330	CS	75	Exposed	560	
WS - P0008	HV - S340B	Ball	V330	CS	50	Exposed	560	
						Exposed	560	
WS - P0009	SV - S310A	Blind Spectacle	-	CS	50	Exposed	560	
WS - P0009	CV - S310A	Check	V630	CS	50	Exposed	560	
WS - P0009	SV - S310B	Blind Spectacle	-	CS	75	Exposed	560	
WS - P0009	CV - S310B	Check	V694	CS	100	Exposed	560	Duckbill Check Valve
WS - P0009	HV - S310C	Ball	V330	CS	50	Exposed	560	
WS - P0009	HV - S310D	Ball	V330	CS	50	Exposed	560	
WS - P0009	HV - S310E	Ball	V330	CS	50	Exposed	560	
WS - P0009	HV - S310F	Ball	V330	CS	15	Exposed	560	
WS - P0009	HV - S310G	Ball	V330	CS	50	Exposed	560	

MANUAL VALVE SCHEDULE (ALL SIZES)

P&ID Number	Tag Number	Valve Type	Valve Type Number	Commodity	Size (mm)	Valve Location	Maximum Working Pressure (kPa)	Comments/ Control Features
WS - P0009	HV - S310H	Ball	V330	CS	20	Exposed	560	
WS - P0009	HV - S310I	Ball	V330	CS	20	Exposed	560	
WS - P0009	HV - S310J	Ball	V330	CS	20	Exposed	560	
WS - P0009	SV - S320A	Blind Spectacle	-	CS	50	Exposed	560	
WS - P0009	CV - S320A	Check	V630	CS	50	Exposed	560	
WS - P0009	CV - S320B	Check	V694	CS	100	Exposed	560	Duckbill Check Valve
WS - P0009	SV - S320B	Blind Spectacle	-	CS	75	Exposed	560	
WS - P0009	HV - S320C	Ball	V330	CS	50	Exposed	560	
WS - P0009	HV - S320D	Ball	V330	CS	50	Exposed	560	
WS - P0009	HV - S320E	Ball	V330	CS	50	Exposed	560	
WS - P0009	HV - S320F	Ball	V330	CS	15	Exposed	560	
WS - P0009	HV - S320G	Ball	V330	CS	50	Exposed	560	
WS - P0009	HV - S320H	Ball	V330	CS	20	Exposed	560	
WS - P0009	HV - S320I	Ball	V330	CS	20	Exposed	560	
WS - P0009	HV - S320J	Ball	V330	CS	50	Exposed	560	
						Exposed	560	
WS - P0010	SV - S330A	Blind Spectacle	-	CS	50	Exposed	560	
WS - P0010	CV - S330A	Check	V630	CS	50	Exposed	560	
WS - P0010	SV - S330B	Blind Spectacle	-	CS	75	Exposed	560	
WS - P0010	CV - S330B	Check	V694	CS	100	Exposed	560	Duckbill Check Valve
WS - P0010	HV - S330C	Ball	V330	CS	50	Exposed	560	
WS - P0010	HV - S330D	Ball	V330	CS	50	Exposed	560	
WS - P0010	HV - S330E	Ball	V330	CS	50	Exposed	560	
WS - P0010	HV - S330F	Ball	V330	CS	15	Exposed	560	
WS - P0010	HV - S330G	Ball	V330	CS	50	Exposed	560	
WS - P0010	HV - S330H	Ball	V330	CS	20	Exposed	560	
WS - P0010	HV - S330I	Ball	V330	CS	20	Exposed	560	
WS - P0010	HV - S330J	Ball	V330	CS	20	Exposed	560	
WS - P0010	SV - S340A	Blind Spectacle	-	CS	50	Exposed	560	
WS - P0010	CV - S340A	Check	V630	CS	50	Exposed	560	
WS - P0010	SV - S340B	Blind Spectacle	-	CS	75	Exposed	560	
WS - P0010	CV - S340B	Check	V694	CS	100	Exposed	560	Duckbill Check Valve
WS - P0010	HV - S340C	Ball	V330	CS	50	Exposed	560	
WS - P0010	HV - S340D	Ball	V330	CS	50	Exposed	560	
WS - P0010	HV - S340E	Ball	V330	CS	50	Exposed	560	
WS - P0010	HV - S340F	Ball	V330	CS	15	Exposed	560	
WS - P0010	HV - S340G	Ball	V330	CS	50	Exposed	560	
WS - P0010	HV - S340H	Ball	V330	CS	20	Exposed	560	
WS - P0010	HV - S340I	Ball	V330	CS	20	Exposed	560	
WS - P0010	HV - S340J	Ball	V330	CS	20	Exposed	560	
						Exposed	560	

MANUAL VALVE SCHEDULE (ALL SIZES)

P&ID Number	Tag Number	Valve Type	Valve Type Number	Commodity	Size (mm)	Valve Location	Maximum Working Pressure (kPa)	Comments/ Control Features
WS - P0011	HV - S350A	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	CV - S350A	Check	V630	CS	25	Exposed	560	Skid Mounted
WS - P0011	PCV - S350A	Back Pressure	V719	CS	25	Exposed	560	Skid Mounted
WS - P0011	PRV - S350A	Pressure Relief	-	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S350B	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S350C	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S350D	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S350E	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S350F	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S350G	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S350H	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S350I	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S350J	Ball	V330	CS	50	Exposed	560	
WS - P0011	HV - S360A	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	CV - S360A	Check	V630	CS	25	Exposed	560	Skid Mounted
WS - P0011	PRV - S360A	Pressure Relief	-	CS	25	Exposed	560	Skid Mounted
WS - P0011	PCV - S360A	Back Pressure	V719	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S360B	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S360C	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S360D	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S360E	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S360F	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S360G	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S360H	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S360I	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S370A	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	CV - S370A	Check	V630	CS	25	Exposed	560	Skid Mounted
WS - P0011	PRV - S370A	Pressure Relief	-	CS	25	Exposed	560	Skid Mounted
WS - P0011	PCV - S370A	Back Pressure	V719	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S370B	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S370C	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S370D	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S370E	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S370F	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S370G	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S370H	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S370I	Ball	V330	CS	25	Exposed	560	Skid Mounted
WS - P0011	HV - S370J	Ball	V330	CS	50	Exposed	560	
						Exposed	560	
WS - P0012	HV - S400A	Ball	V300	AIR	25	Exposed	560	
WS - P0012	PCV - S400A	Pressure Control	-	AIR	25	Exposed	560	
WS - P0012	PRV - S400A	Pressure Relief	V720	AIR	25	Exposed	560	
WS - P0012	CV - S400A	Check	V602	AIR	25	Exposed	560	
WS - P0012	CV - S400B	Check	V602	AIR	20	Exposed	560	
WS - P0012	HV - S400B	Ball	V312	AIR	20	Exposed	560	
WS - P0012	CV - S400C	Check	V602	AIR	20	Exposed	560	
WS - P0012	HV - S400C	Ball	V300	AIR	25	Exposed	560	
WS - P0012	HV - S400D	Ball	V300	AIR	25	Exposed	560	
WS - P0012	HV - S400E	Ball	V300	AIR	15	Exposed	560	
WS - P0012	HV - S400F	Ball	V300	AIR	15	Exposed	560	
WS - P0012	HV - S400G	Ball	V312	AIR	20	Exposed	560	
WS - P0012	HV - S402A	Ball	V308	AA	50	Exposed	560	
WS - P0012	HV - S402B	Ball	V307	AA	15	Exposed	560	
WS - P0012	HV - S402C	Ball	V308	AA	50	Exposed	560	

MANUAL VALVE SCHEDULE (ALL SIZES)

P&ID Number	Tag Number	Valve Type	Valve Type Number	Commodity	Size (mm)	Valve Location	Maximum Working Pressure (kPa)	Comments/ Control Features
WS - P0012	HV - S402D	Ball	V307	AA	15	Exposed	560	
						Exposed	560	
WS - P0013	HV - S240D	Ball	V307	AA	20	Exposed	560	
WS - P0013	SV - S410A	Blind Spectacle	-	AA	50	Exposed	560	
WS - P0013	HV - S410A	Ball	V308	AA	50	Exposed	560	
WS - P0013	CV - S410A	Check	V619	AA	50	Exposed	560	
WS - P0013	PRV - S410A	Pressure Relief	V740	AA	75	Exposed	560	Pressure/Vacuum Relief
WS - P0013	HV - S410B	Ball	V308	AA	50	Exposed	560	
WS - P0013	HV - S410C	Ball	V308	AA	50	Exposed	560	
WS - P0013	HV - S410D	Ball	V308	AA	50	Exposed	560	
WS - P0013	SV - S420A	Blind Spectacle	-	AA	50	Exposed	560	
WS - P0013	HV - S420A	Ball	V308	AA	50	Exposed	560	
WS - P0013	CV - S420A	Check	V619	AA	50	Exposed	560	
WS - P0013	PRV - S420A	Pressure Relief	V740	AA	75	Exposed	560	Pressure/Vacuum Relief
WS - P0013	HV - S420B	Ball	V308	AA	50	Exposed	560	
WS - P0013	HV - S420C	Ball	V308	AA	50	Exposed	560	
						Exposed	560	
WS - P0014	HV - S430A	Ball	V308	AA	50	Exposed	560	
WS - P0014	PRV - S430A	Pressure Relief	-	AA	20	Exposed	560	Skid Mounted
WS - P0014	CV - S430A	Check	V619	AA	20	Exposed	560	Skid Mounted
WS - P0014	PCV - S430A	Back Pressure	V717	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S430B	Ball	V308	AA	50	Exposed	560	Skid Mounted
WS - P0014	HV - S430C	Ball	V308	AA	50	Exposed	560	Skid Mounted
WS - P0014	HV - S430D	Ball	V308	AA	50	Exposed	560	Skid Mounted
WS - P0014	HV - S430E	Ball	V307	AA	15	Exposed	560	Skid Mounted
WS - P0014	HV - S430F	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S430G	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S430H	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S430I	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S430J	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S440A	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	PRV - S440A	Pressure Relief	-	AA	20	Exposed	560	Skid Mounted
WS - P0014	CV - S440A	Check	V619	AA	20	Exposed	560	Skid Mounted
WS - P0014	PCV - S440A	Back Pressure	V717	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S440B	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S440C	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S440D	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S440E	Ball	V307	AA	15	Exposed	560	Skid Mounted
WS - P0014	HV - S440F	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S440G	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S440H	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S440I	Ball	V307	AA	20	Exposed	560	Skid Mounted
WS - P0014	HV - S440J	Ball	V307	AA	20	Exposed	560	Skid Mounted

Note 1. All valves within vendor packages shall be supplied and installed by the Contractor